

WRAIR PUBLICATIONS 2015

Contents

JANUARY 2015	1
FEBRUARY 2015	3
MARCH 2015	7
APRIL 2015	10
MAY 2015.....	13
JUNE 2015.....	16
July 2015	18

To search this PDF, please utilize “CTRL + F” buttons to search for keywords, author names, or specific titles.

JANUARY 2015

1. Ananworanich, J., Dube, K., Chomont, N. How does the timing of antiretroviral therapy initiation in acute infection affect HIV reservoirs? *Curr Opin HIV AIDS*. 2015; 10(1):18-28.
<http://www.ncbi.nlm.nih.gov/pubmed/25415421>
2. Ananworanich, J., Mellors, J.W. A cure for HIV: what will it take? *Curr Opin HIV AIDS*. 2015; 10(1):1-3.
<http://www.ncbi.nlm.nih.gov/pubmed/25389807>
3. Arivett, B.A., Ream, D.C., Fiester, S.E., Mende, K., Murray, C.K., Thompson, M.G., Kanduru, S., Summers, A.M., Roth, A.L., Zurawski, D.V., Actis, L.A. Draft genome sequences of *Klebsiella pneumoniae* clinical type strain ATCC 13883 and three multidrug-resistant clinical isolates. *Genome Announc*. 2015; 3(1).
<http://genomea.asm.org/content/3/1/e01385-14.long>
4. Baldwin, K.M., Ehrenberg, P.K., Geretz, A., Prentice, H.A., Nitayaphan, S., Rerks-Ngarm, S., Kaewkungwal, J., Pitisuttithum, P., O'Connell, R.J., Kim, J.H., Thomas, R. HLA class II diversity in HIV-1 uninfected individuals from the placebo arm of the RV144 Thai vaccine efficacy trial. *Tissue Antigens*. 2015; 85(2):117-26.
<http://www.ncbi.nlm.nih.gov/pubmed/25626602>
5. Bhattacharjee, A.K., Marek, E., Le, H.T., Ratcliffe, R., DeMar, J.C., Pervitsky, D., Gordon, R.K. Discovery of non-oxime reactivators using an in silico pharmacophore model of reactivators for DFP-inhibited acetylcholinesterase. *Eur J Med Chem*. 2015; 90:209-20.
<http://www.ncbi.nlm.nih.gov/pubmed/25461321>

6. Carr, W., Polejaeva, E., Grome, A., Crandall, B., LaValle, C., Eonta, S.E., Young, L.A. Relation of repeated low-level blast exposure with symptomology similar to concussion. *J Head Trauma Rehabil.* 2015; 30(1):47-55.
<http://www.ncbi.nlm.nih.gov/pubmed/24901327>
7. Chapman, D.P., Liu, Y., McKnight-Eily, L.R., Croft, J.B., Holt, J.B., Balkin, T.J., Giles, W.H. Daily insufficient sleep and active duty status. *Mil Med.* 2015; 180(1):68-76.
<http://publications.amsus.org/doi/pdf/10.7205/MILMED-D-14-00158>
8. Helgren, T.R., Sciotti, R.J., Lee, P., Duffy, S., Avery, V.M., Igbinoba, O., Akoto, M., Hagen, T.J. The synthesis, antimalarial activity and CoMFA analysis of novel aminoalkylated quercetin analogs. *Bioorg Med Chem Lett.* 2015; 25(2):327-32.
<http://www.sciencedirect.com/science/article/pii/S0960894X14012232>
9. Hoge, C.W., Jonas, W.B. The ritual of hyperbaric oxygen and lessons for the treatment of persistent postconcussion symptoms in military personnel. *JAMA Intern Med.* 2015; 175(1):53-4.
<http://www.ncbi.nlm.nih.gov/pubmed/25401214>
10. Keawcharoen, J., Techangamsuwan, S., Ponpornpisit, A., Lombardini, E.D., Patchimasiri, T., Pirarat, N. Genetic characterization of a betanodavirus isolated from a clinical disease outbreak in farm-raised tilapia *Oreochromis niloticus* (L.) in Thailand. *J Fish Dis.* 2015; 38(1):49-54.
<http://www.ncbi.nlm.nih.gov/pubmed/24164433>
11. Kim, J.H., Excler, J.L., Michael, N.L. Lessons from the RV144 Thai Phase III HIV-1 vaccine trial and the search for correlates of protection. *Annu Rev Med.* 2015; 66:423-37.
http://www.annualreviews.org/doi/full/10.1146/annurev-med-052912-123749?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed&
12. Klungthong, C., Manasatienkij, W., Phonpakobsin, T., Chinnawirotisan, P., Rodpradit, P., Hussem, K., Thaisomboonsuk, B., Ong-Ajchaowlerd, P., Nisalak, A., Kalayanarooj, S., Buddhari, D., Gibbons, R.V., Jarman, R.G., Yoon, I.K., Fernandez, S. Monitoring and improving the sensitivity of dengue nested RT-PCR used in longitudinal surveillance in Thailand. *J Clin Virol.* 2015; 63:25-31.
<http://www.sciencedirect.com/science/article/pii/S1386653214004715>
13. Lesho, E.P. US Ebola case: an example of the misuse of antibiotics and a reminder for better stewardship. *Mayo Clin Proc.* 2015; 90(1):161.
<http://www.ncbi.nlm.nih.gov/pubmed/25572203>
14. Melanson, V.R., Kalina, W.V., Williams, P. Ebola virus infection induces irregular dendritic cell gene expression. *Viral Immunol.* 2015; 28(1):42-50.
<http://online.liebertpub.com/doi/full/10.1089/vim.2014.0091>
15. Miller, R.H., Obuya, C.O., Wanja, E.W., Ongutu, B., Waitumbi, J., Luckhart, S., Stewart, V.A. Characterization of *Plasmodium ovale curtisi* and *P. ovale wallikeri* in western Kenya utilizing a novel species-specific real-time PCR assay. *PLoS Negl Trop Dis.* 2015; 9(1):e0003469.
<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003469>
16. Morasch, K.C., Aaron, C.L., Moon, J.E., Gordon, R.K. Physiological and neurobehavioral

effects of cholinesterase inhibition in healthy adults. *Physiol Behav*. 2015; 138:165-72.
<http://www.sciencedirect.com/science/article/pii/S0031938414004843>

17. Thomas, S.J. Preventing dengue--is the possibility now a reality? *N Engl J Med*. 2015; 372(2):172-3.
<http://www.nejm.org/doi/full/10.1056/NEJMMe1413146>
18. Yu, C., Boutte, A., Yu, X., Dutta, B., Feala, J.D., Schmid, K., Dave, J., Tawa, G.J., Wallqvist, A., Reifman, J. A systems biology strategy to identify molecular mechanisms of action and protein indicators of traumatic brain injury. *J Neurosci Res*. 2015; 93(2):199-214.
<http://www.ncbi.nlm.nih.gov/pubmed/25399920>

FEBRUARY 2015

1. Ananworanich, J., Sirivichayakul, S., Pinyakorn, S., Crowell, T.A., Trichavaroj, R., Weerayyingong, J., Chomchey, N., Fletcher, J.L., van Griensven, F., Phanuphak, P., Robb, M.L., Michael, N.L., Kim, J.H., Phanuphak, N. High prevalence of transmitted drug resistance in acute HIV-infected Thai men who have sex with men. *J Acquir Immune Defic Syndr*. 2015 Apr 1; 68(4):481-5.
<http://www.ncbi.nlm.nih.gov/pubmed/25559593>
2. Asgary, R., Pavlin, J.A., Ripp, J.A., Reithinger, R., Polyak, C.S. Ebola policies that hinder epidemic response by limiting scientific discourse. *Am J Trop Med Hyg*. 2015 Feb 4; 92(2):240-1.
<http://www.ajtmh.org/content/92/2/240.long>
3. Baral, S.D., Ketende, S., Schwartz, S., Orazulike, I., Ugoh, K., Peel, S.A., Ake, J., Blattner, W., Charurat, M. Evaluating respondent-driven sampling as an implementation tool for universal coverage of antiretroviral studies among men who have sex with men living with HIV. *J Acquir Immune Defic Syndr*. 2015 Mar 1; 68(Suppl 2):S107-13.
<http://www.ncbi.nlm.nih.gov/pubmed/25723974>
4. Beck, Z., Matyas, G.R., Alving, C.R. Detection of liposomal cholesterol and monophosphoryl lipid A by QS-21 saponin and Limulus polyphemus amebocyte lysate. *Biochim Biophys Acta*. 2015 Mar; 1848(3):775-80.
<http://www.ncbi.nlm.nih.gov/pubmed/25511587>
5. Bodhidatta, L., Abente, E., Neesanant, P., Nakjarung, K., Sirichote, P., Bunyarakyothin, G., Vithayasai, N., Mason, C.J. Molecular epidemiology and genotype distribution of noroviruses in children in Thailand from 2004 to 2010: a multi-site study. *J Med Virol*. 2015 Apr; 87(4):664-74.
<http://www.ncbi.nlm.nih.gov/pubmed/25649836>
6. Brown, T.S., Jacob, C.G., Silva, J.C., Takala-Harrison, S., Djimde, A., Dondorp, A.M., Fukuda, M., Noedl, H., Nyunt, M.M., Kyaw, M.P., Mayxay, M., Hien, T.T., Plowe, C.V., Cummings, M.P. Plasmodium falciparum field isolates from areas of repeated emergence of drug resistant malaria show no evidence of hypermutator phenotype. *Infect Genet Evol*. 2015 Mar; 30:318-22.
<http://www.ncbi.nlm.nih.gov/pubmed/25514047>

7. Chambers, C., Luo, C., Tong, M., Yang, Y., Saxena, A. Probing the role of amino acids in oxime-mediated reactivation of nerve agent-inhibited human acetylcholinesterase. *Toxicol In Vitro*. 2015 Mar; 29(2):408-14.
<http://www.ncbi.nlm.nih.gov/pubmed/25451328>
8. Chandrasekera, R.M., Lesho, E.P., Chukwuma, U., Cummings, J.F., Waterman, P.E. The state of antimicrobial resistance surveillance in the military health system: a review of improvements made in the last 10 years and remaining surveillance gaps. *Mil Med*. 2015 Feb; 180(2):145-50.
<http://www.ncbi.nlm.nih.gov/pubmed/25643381>
9. Conger, N.G., Paolino, K.M., Osborn, E.C., Rusnak, J.M., Gunther, S., Pool, J., Rollin, P.E., Allan, P.F., Schmidt-Chanasit, J., Rieger, T., Kortepeter, M.G. Health Care response to CCHF in US Soldier and Nosocomial Transmission to Health Care Providers, Germany, 2009. *Emerg Infect Dis*. 2015 21(1):23-31.
http://wwwnc.cdc.gov/eid/article/21/1/14-1413_article
10. Crawford, K., Wakabi, S., Magala, F., Kibuuka, H., Liu, M., Hamm, T. Evaluation of treatment outcomes for patients on first-line regimens in US President's Emergency Plan for AIDS Relief (PEPFAR) clinics in Uganda: predictors of virological and immunological response from RV288 analyses. *HIV Med*. 2015 Feb; 16(2):95-104.
<http://www.ncbi.nlm.nih.gov/pubmed/25124078>
11. Edillo, F.E., Halasa, Y.A., Largo, F.M., Erasmo, J.N., Amoin, N.B., Alera, M.T., Yoon, I.K., Alcantara, A.C., Shepard, D.S. Economic cost and burden of dengue in the Philippines. *Am J Trop Med Hyg*. 2015 Feb 4; 92(2):360-6.
<http://www.ajtmh.org/content/92/2/360.long>
12. Gunay, F., Alten, B., Simsek, F., Aldemir, A., Linton, Y.M. Barcoding Turkish Culex mosquitoes to facilitate arbovirus vector incrimination studies reveals hidden diversity and new potential vectors. *Acta Trop*. 2015 Mar; 143:112-20.
<http://www.ncbi.nlm.nih.gov/pubmed/25446171>
13. Hermann, L.L., Gupta, S.B., Manoff, S.B., Kalayanarooj, S., Gibbons, R.V., Coller, B.A. Advances in the understanding, management, and prevention of dengue. *J Clin Virol*. 2015 Mar; 64:153-9.
<http://www.ncbi.nlm.nih.gov/pubmed/25453329>
14. Ingasia, L.A., Akala, H.M., Imbuga, M.O., Opot, B.H., Eyase, F.L., Johnson, J.D., Bulimo, W.D., Kamau, E. Molecular characterization of the cytochrome b gene and in vitro atovaquone susceptibility of Plasmodium falciparum isolates from Kenya. *Antimicrob Agents Chemother*. 2015 Mar; 59(3):1818-21.
<http://www.ncbi.nlm.nih.gov/pubmed/25583715>
15. Khamim, K., Hattasingh, W., Nisalak, A., Kaewkungwal, J., Fernandez, S., Thaisomboonsuk, B., Pengsaa, K., Thisyakorn, U. Neutralizing dengue antibody in pregnant Thai women and cord blood. *PLoS Negl Trop Dis*. 2015 Feb; 9(2):e0003396.
<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003396>
16. Kim, H.C., Takhampunya, R., Tippayachai, B., Chong, S.T., Park, J.Y., Kim, M.S., Seo, H.J., Yeh, J.Y., Lee, W.J., Lee, D.K., Klein, T.A. Japanese encephalitis virus in culicine mosquitoes (Diptera: culicidae) of the republic of Korea, 2008-2010. *Mil Med*. 2015

Feb; 180(2):158-67.
<http://www.ncbi.nlm.nih.gov/pubmed/25643383>

17. Lesho, E.P., Clifford, R.J., Chukwuma, U., Kwak, Y.I., Maneval, M., Neumann, C., Xie, S., Nielsen, L.E., Julius, M.D., McGann, P., Waterman, P.E. Carbapenem-resistant Enterobacteriaceae and the correlation between carbapenem and fluoroquinolone usage and resistance in the US military health system. *Diagn Microbiol Infect Dis.* 2015 Feb; 81(2):119-25.
<http://www.ncbi.nlm.nih.gov/pubmed/25497458>
18. Loan, H.K., Cuong, N.V., Takhampunya, R., Klangthong, K., Osikowicz, L., Kiet, B.T., Campbell, J., Bryant, J., Promstaporn, S., Kosoy, M., Hoang, N.V., Morand, S., Chaval, Y., Hien, V.B., Carrique-Mas, J. Bartonella species and trombiculid mites of rats from the mekong delta of Vietnam. *Vector Borne Zoonotic Dis.* 2015 Jan; 15(1):40-7.
<http://online.liebertpub.com/doi/full/10.1089/vbz.2014.1604>
19. Loan, H.K., Van Cuong, N., Takhampunya, R., Kiet, B.T., Campbell, J., Them, L.N., Bryant, J.E., Tippayachai, B., Van Hoang, N., Morand, S., Hien, V.B., Carrique-Mas, J.J. How important are rats as vectors of leptospirosis in the mekong delta of Vietnam? *Vector Borne Zoonotic Dis.* 2015 Jan; 15(1):56-64.
<http://online.liebertpub.com/doi/full/10.1089/vbz.2014.1613>
20. Miotto, O., Amato, R., Ashley, E.A., MacInnis, B., Almagro-Garcia, J., Amaratunga, C., Lim, P., Mead, D., Oyola, S.O., Dhorda, M., Imwong, M., Woodrow, C., Manske, M., Stalker, J., Drury, E., Campino, S., Amenga-Etego, L., Thanh, T.N., Tran, H.T., Ringwald, P., Bethell, D., Nosten, F., Phyoe, A.P., Pukrittayakamee, S., Chotivanich, K., Chuor, C.M., Nguon, C., Suon, S., Sreng, S., Newton, P.N., Mayxay, M., Khanthavong, M., Hongvanthong, B., Htut, Y., Han, K.T., Kyaw, M.P., Faiz, M.A., Fanello, C.I., Onyamboko, M., Mokuolu, O.A., Jacob, C.G., Takala-Harrison, S., Plowe, C.V., Day, N.P., Dondorp, A.M., Spencer, C.C., McVean, G., Fairhurst, R.M., White, N.J., Kwiatkowski, D.P. Genetic architecture of artemisinin-resistant Plasmodium falciparum. *Nat Genet.* 2015 Mar; 47(3):226-34.
<http://www.ncbi.nlm.nih.gov/pubmed/25599401>
21. Namukobe, J., Kiremire, B.T., Byamukama, R., Kasenene, J.M., Akala, H.M., Kamau, E., Dumontet, V. Antiplasmodial compounds from the stem bark of Neoboutonia macrocalyx pax. *J Ethnopharmacol.* 2015 Mar 13; 162:317-22.
<http://www.ncbi.nlm.nih.gov/pubmed/25535086>
22. Ngalah, B.S., Ingasia, L.A., Cheruiyot, A.C., Chebon, L.J., Juma, D.W., Muiruri, P., Onyango, I., Ogony, J., Yeda, R.A., Cheruiyot, J., Mbuba, E., Mwangoka, G., Achieng, A.O., Ng'ang'a, Z., Andagal, B., Akala, H.M., Kamau, E. Analysis of major genome loci underlying artemisinin resistance and pfmdr1 copy number in pre- and post-ACTs in Western Kenya. *Sci Rep.* 2015 5:8308.
<http://www.nature.com/srep/2015/150206/srep08308/full/srep08308.html>
23. Ouedraogo, A.L., Bastiaens, G.J., Tiono, A.B., Guelbeogo, W.M., Kobylinski, K.C., Ouedraogo, A., Barry, A., Bougouma, E.C., Nebie, I., Ouattara, M.S., Lanke, K.H., Fleckenstein, L., Sauerwein, R.W., Slater, H.C., Churcher, T.S., Sirima, S.B., Drakeley, C., Bousema, T. Efficacy and safety of the mosquitoicidal drug ivermectin to prevent malaria transmission after treatment: a double-blind, randomized, clinical trial. *Clin Infect Dis.* 2015 Feb 1; 60(3):357-65.
<http://www.ncbi.nlm.nih.gov/pubmed/25414262>

24. Paris, D.H., Chattopadhyay, S., Jiang, J., Nawtaisong, P., Lee, J.S., Tan, E., Dela Cruz, E., Burgos, J., Abalos, R., Blacksell, S.D., Lombardini, E., Turner, G.D., Day, N.P., Richards, A.L. A nonhuman primate scrub typhus model: protective immune responses induced by pKarp47 DNA vaccination in cynomolgus macaques. *J Immunol.* 2015 Feb 15; 194(4):1702-16.
<http://www.jimmunol.org/content/194/4/1702.long>
25. Ratto-Kim, S., de Souza, M.S., Currier, J.R., Karasavvas, N., Sidney, J., Rolland, M., Valencia-Micolta, A., Madnote, S., Sette, A., Nitayaphan, S., Pitisuttithum, P., Kaewkungwal, J., Rerks-Ngarm, S., O'Connell, R., Michael, N., Robb, M.L., Marovich, M., Kim, J.H. Identification of immunodominant CD4-restricted epitopes co-located with antibody binding sites in individuals vaccinated with ALVAC-HIV and AIDSVAX B/E. *PLoS One.* 2015 10(2):e0115582.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0115582>
26. Sawe, F.K., Obiero, E., Yegon, P., Langat, R.C., Aoko, A., Tarus, J., Kiptoo, I., Langat, R.K., Maswai, J., Bii, M., Khamadi, S., Shikuku, K.P., Close, N., Sinei, S., Shaffer, D.N. Kericho CLinic-Based ART Diagnostic Evaluation (CLADE): design, accrual, and baseline characteristics of a randomized controlled trial conducted in predominately rural, district-level, HIV clinics of Kenya. *PLoS One.* 2015 10(2):e0116299.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116299>
27. Singh, B., Crippen, T.L., Zheng, L., Fields, A.T., Yu, Z., Ma, Q., Wood, T.K., Dowd, S.E., Flores, M., Tomberlin, J.K., Tarone, A.M. A metagenomic assessment of the bacteria associated with *Lucilia sericata* and *Lucilia cuprina* (Diptera: Calliphoridae). *Appl Microbiol Biotechnol.* 2015 Jan; 99(2):869-83.
<http://www.ncbi.nlm.nih.gov/pubmed/25306907>
28. Soonwera, M., Phasomkusolsil, S. Efficacy of Thai herbal essential oils as green repellent against mosquito vectors. *Acta Trop.* 2015 Feb; 142:127-30.
<http://www.sciencedirect.com/science/article/pii/S0001706X14003799>
29. Streeck, H. AIDS virus seeks refuge in B cell follicles. *Nat Med.* 2015 Feb 5; 21(2):111-2.
<http://www.nature.com/nm/journal/v21/n2/full/nm.3795.html>
30. Takala-Harrison, S., Jacob, C.G., Arze, C., Cummings, M.P., Silva, J.C., Dondorp, A.M., Fukuda, M.M., Hien, T.T., Mayxay, M., Noedl, H., Nosten, F., Kyaw, M.P., Nhien, N.T., Imwong, M., Bethell, D., Se, Y., Lon, C., Tyner, S.D., Saunders, D.L., Ariey, F., Mercereau-Puijalon, O., Menard, D., Newton, P.N., Khanthavong, M., Hongvanthong, B., Starzengruber, P., Fuehrer, H.P., Swoboda, P., Khan, W.A., Phyoe, A.P., Nyunt, M.M., Nyunt, M.H., Brown, T.S., Adams, M., Pepin, C.S., Bailey, J., Tan, J.C., Ferdig, M.T., Clark, T.G., Miotto, O., MacInnis, B., Kwiatkowski, D.P., White, N.J., Ringwald, P., Plowe, C.V. Independent emergence of artemisinin resistance mutations among *Plasmodium falciparum* in Southeast Asia. *J Infect Dis.* 2015 Mar 1; 211(5):670-9.
<http://www.ncbi.nlm.nih.gov/pubmed/25180241>
31. Woodring, J.L., Patel, G., Erath, J., Behera, R., Lee, P.J., Leed, S.E., Rodriguez, A., Sciotti, R.J., Mensa-Wilmot, K., Pollastri, M.P. Evaluation of aromatic 6-substituted thienopyrimidines as scaffolds against parasites that cause trypanosomiasis, leishmaniasis, and malaria. *Medchemcomm.* 2015 Feb; 6(2):339-46.
<http://www.ncbi.nlm.nih.gov/pubmed/25685309>

MARCH 2015

1. Adler, A.B., Williams, J., McGurk, D., Moss, A., Bliese, P.D. Resilience training with soldiers during basic combat training: randomisation by platoon. *Appl Psychol Health Well Being.* 2015; 7(1):85-107.
<http://www.ncbi.nlm.nih.gov/pubmed/25641899>
2. Deng-Bryant, Y., Readnower, R.D., Leung, L.Y., Cunningham, T.L., Shear, D.A., Tortella, F.C. Treatment with amnion-derived cellular cytokine solution (ACCS) induces persistent motor improvement and ameliorates neuroinflammation in a rat model of penetrating ballistic-like brain injury. *Restor Neurol Neurosci.* 2015; 33(2):189-203.
<http://www.ncbi.nlm.nih.gov/pubmed/25588460>
3. Huang, Y.M., Rueda, L.M. Pictorial keys to the species of the subgenera albuginosus and aedimorphus (grjebinei and apicoannulatus groups) of the genus *aedes* meigen in the afrotropical region (Diptera: culicidae). *Zootaxa.* 2015; 3925(1):25-36.
<http://www.ncbi.nlm.nih.gov/pubmed/25781728>
4. Hunsawong, T., Sunintaboon, P., Warit, S., Thaisomboonsuk, B., Jarman, R.G., Yoon, I.K., Ubol, S., Fernandez, S. A novel dengue virus serotype-2 nanovaccine induces robust humoral and cell-mediated immunity in mice. *Vaccine.* 2015; 33(14):1702-10.
<http://www.sciencedirect.com/science/article/pii/S0264410X15001826>
5. Ivany, C.G., Hoge, C.W. Adverse childhood experiences and military service. *JAMA Psychiatry.* 2015; 72(3):296.
<http://archpsyc.jamanetwork.com/article.aspx?articleid=2145561#tab1>
6. Jima, D.D., Luce-Fedrow, A., Yang, Y., Maina, A.N., Snesrud, E.C., Otiang, E., Njenga, K., Jarman, R.G., Richards, A.L., Hang, J. Whole-genome sequence of "Candidatus Rickettsia asemboensis" strain NMRCii, isolated from fleas of Western Kenya. *Genome Announc.* 2015; 3(2).
<http://genomea.asm.org/content/3/2/e00018-15.long>
7. Kamau, E., Campino, S., Amenga-Etego, L., Drury, E., Ishengoma, D., Johnson, K., Mumba, D., Kekre, M., Yavo, W., Mead, D., Bouyou-Akotet, M., Apinjoh, T., Golassa, L., Randrianarivelojosia, M., Andagal, B., Maiga-Ascofare, O., Amambua-Ngwa, A., Tindana, P., Ghansah, A., MacInnis, B., Kwiatkowski, D., Djimde, A.A. K13-propeller polymorphisms in *Plasmodium falciparum* parasites from sub-Saharan Africa. *J Infect Dis.* 2015; 211(8):1352-5.
<http://www.ncbi.nlm.nih.gov/pubmed/25367300>
8. Kaplan, J.E., Hamm, T.E., Forhan, S., Saadani Hassani, A., Bang, G., Weyant, E., Tchuenche, M., Langley, C., Lapidos-Salaiz, I., Bateganya, M.H. The impact of HIV care and support interventions on key outcomes in low- and middle-income countries: a literature review-introduction. *J Acquir Immune Defic Syndr.* 2015; 68(Suppl. 3):S253-6.
<http://www.ncbi.nlm.nih.gov/pubmed/25768864>
9. Kittikraisak, W., Suntarattiwong, P., Levy, J., Fernandez, S., Dawood, F.S., Olsen, S.J.,

Chotpitayasunondh, T. Influenza vaccination coverage and effectiveness in young children in Thailand, 2011-2013. *Influenza Other Respir Viruses*. 2015; 9(2):85-93. <http://www.ncbi.nlm.nih.gov/pubmed/25557920>

10. Langley, C.L., Lapidos-Salaiz, I., Hamm, T.E., Bateganya, M.H., Firth, J., Wilson, M., Martin, J., Dierberg, K. Prioritizing HIV care and support interventions-moving from evidence to policy. *J Acquir Immune Defic Syndr*. 2015; 68(Suppl. 3):S375-8. <http://www.ncbi.nlm.nih.gov/pubmed/25768877>
11. Larson, B., Tindikahwa, A., Mwidu, G., Kibuuka, H., Magala, F. How much does it cost to improve access to voluntary medical male circumcision among high-risk, low-income communities in Uganda? *PLoS One*. 2015; 10(3):e0119484. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0119484>
12. Milillo, M., Kwak, Y.I., Snesrud, E., Waterman, P.E., Lesho, E., McGann, P. Correction for Milillo et al., Rapid and simultaneous detection of blaKPC and blaNDM by use of multiplex real-time PCR. *J Clin Microbiol*. 2015; 53(4):1460. <http://jcm.asm.org/content/53/4/1460.full>
13. Mutumba, M., Bauermeister, J.A., Musiime, V., Byaruhanga, J., Francis, K., Snow, R.C., Tsai, A.C. Psychosocial challenges and strategies for coping with HIV among adolescents in Uganda: a qualitative study. *AIDS Patient Care STDS*. 2015; 29(2):86-94. <http://www.ncbi.nlm.nih.gov/pubmed/25607900>
14. Mysliwiec, V., Capaldi, V.F., 2nd, Gill, J., Baxter, T., O'Reilly, B.M., Matsangas, P., Roth, B.J. Adherence to positive airway pressure therapy in U.S. Military personnel with sleep apnea improves sleepiness, sleep quality, and depressive symptoms. *Mil Med*. 2015; 180(4):475-82. <http://www.ncbi.nlm.nih.gov/pubmed/25826354>
15. Niles, S.E., Balazs, G.C., Cawley, C., Bosse, M., Mackenzie, E., Li, Y., Andersen, R.C. Translating research into practice: is evidence-based medicine being practiced in military-relevant orthopedic trauma? *Mil Med*. 2015; 180(4):445-53. <http://www.ncbi.nlm.nih.gov/pubmed/25826350>
16. O'Bryan, T., Rini, E., Okulicz, J., Messner, O., Ganesan, A., Lalani, T., Bavaro, M., O'Connell, R., Agan, B., Landrum, M. HIV viraemia during hepatitis B vaccination shortens the duration of protective antibody levels. *HIV Med*. 2015; 16(3):161-7. <http://www.ncbi.nlm.nih.gov/pubmed/25586899>
17. Pal, S., Dauner, A.L., Valks, A., Forshey, B.M., Long, K.C., Thaisomboonsuk, B., Sierra, G., Picos, V., Talmage, S., Morrison, A.C., Halsey, E.S., Comach, G., Yasuda, C., Loeffelholz, M., Jarman, R.G., Fernandez, S., An, U.S., Kochel, T.J., Jasper, L.E., Wu, S.J. Multicountry prospective clinical evaluation of two enzyme-linked immunosorbent assays and two rapid diagnostic tests for diagnosing dengue Fever. *J Clin Microbiol*. 2015; 53(4):1092-102. <http://www.ncbi.nlm.nih.gov/pubmed/25588659>
18. Potter, B.M., Xie, L.H., Vuong, C., Zhang, J., Zhang, P., Duan, D., Luong, T.L., Bandara Herath, H.M., Dhammadika Nanayakkara, N.P., Tekwani, B.L., Walker, L.A., Nolan, C.K., Sciotti, R.J., Zottig, V.E., Smith, P.L., Paris, R.M., Read, L.T., Li, Q., Pybus, B.S., Sousa, J.C., Reichard, G.A., Marcsisin, S.R. Differential CYP 2D6 metabolism alters primaquine

pharmacokinetics. *Antimicrob Agents Chemother*. 2015; 59(4):2380-7.
<http://www.ncbi.nlm.nih.gov/pubmed/25645856>

19. Quartana, P.J., Wilk, J.E., Balkin, T.J., Hoge, C.W. Indirect associations of combat exposure with post-deployment physical symptoms in U.S. soldiers: Roles of post-traumatic stress disorder, depression and insomnia. *J Psychosom Res*. 2015; 78(5):478-83.
<http://www.sciencedirect.com/science/article/pii/S0022399914004140>
20. Sakkhachornphop, S., Kijak, G.H., Beyrer, C., Razak, M.H., Sanders-Buell, E., Jittiwutikarn, J., Suriyanon, V., Robb, M.L., Kim, J.H., Celentano, D.D., McCutchan, F.E., Tovanabutra, S. An effective tool for identifying HIV-1 subtypes B, C, CRF01_AE, their recombinant forms, and dual infections in Southeast Asia by the multi-region subtype specific PCR (MSSP) assay. *J Virol Methods*. 2015; 217:70-8.
<http://www.sciencedirect.com/science/article/pii/S0166093415000373>
21. Sato, M., Kadota, M., Tang, B., Yang, H.H., Yang, Y.A., Shan, M., Weng, J., Welsh, M.A., Flanders, K.C., Nagano, Y., Michalowski, A.M., Clifford, R.J., Lee, M.P., Wakefield, L.M. An integrated genomic approach identifies persistent tumor suppressive effects of transforming growth factor-beta in human breast cancer. *Breast Cancer Res*. 2014; 16(3):R57.
<http://breast-cancer-research.com/content/16/3/R57>
22. Stabinski, L., O'Connor, S., Barnhart, M., Kahn, R.J., Hamm, T.E. Prevalence of HIV and hepatitis B virus co-infection in sub-Saharan Africa and the potential impact and program feasibility of hepatitis B surface antigen screening in resource-limited settings. *J Acquir Immune Defic Syndr*. 2015; 68(Suppl. 3):S274-85.
<http://www.ncbi.nlm.nih.gov/pubmed/25768867>
23. Tachibana, M., Suwanabun, N., Kaneko, O., Iriko, H., Otsuki, H., Sattabongkot, J., Kaneko, A., Herrera, S., Torii, M., Tsuboi, T. Plasmodium vivax gametocyte proteins, Pv548/45 and Pv547, induce transmission-reducing antibodies by DNA immunization. *Vaccine*. 2015; 33(16):1901-8.
<http://www.sciencedirect.com/science/article/pii/S0264410X15002960>
24. Tanabe, K., Zollner, G., Vaughan, J.A., Sattabongkot, J., Khuntirat, B., Honma, H., Mita, T., Tsuboi, T., Coleman, R. Plasmodium falciparum: Genetic diversity and complexity of infections in an isolated village in western Thailand. *Parasitol Int*. 2015; 64(3):260-6.
<http://www.sciencedirect.com/science/article/pii/S1383576913001426>
25. VISR_Working_Group_of_the_Global_HIV_Vaccine_Enterprise. HIV vaccine-induced sero-reactivity: A challenge for trial participants, researchers, and physicians. *Vaccine*. 2015; 33(10):1243-9.
<http://www.sciencedirect.com/science/article/pii/S0264410X14014303>
26. Vongsawan, A.A., Kaputral, V., Vaisvil, B., Burd, H., Serichantalergs, O., Venkatesan, M.M., Mason, C.J. The genome of *Shigella dysenteriae* strain Sd1617 comparison to representative strains in evaluating pathogenesis. *FEMS Microbiol Lett*. 2015; 362(5).
<http://www.ncbi.nlm.nih.gov/pubmed/25743074>
27. Yoon, E.J., Nait Chabane, Y., Goussard, S., Snesrud, E., Courvalin, P., De, E., Grillot-Courvalin, C. Contribution of resistance-nodulation-cell division efflux systems to antibiotic resistance and biofilm formation in *Acinetobacter baumannii*. *MBio*. 2015;

6(2).
<http://mbio.asm.org/content/6/2/e00309-15.full?sid=929dbd0e-1227-445e-8fe4-f01>

APRIL 2015

1. Alera, M.T., Hermann, L., Tac-An, I.A., Klungthong, C., Rutvisuttinunt, W., Manasatienkij, W., Villa, D., Thaisomboonsuk, B., Velasco, J.M., Chinnawirotisan, P., Lago, C.B., Roque, V.G., Jr., Macareo, L.R., Srikiatkachorn, A., Fernandez, S., Yoon, I.K. Zika virus infection, Philippines, 2012. *Emerg Infect Dis.* 2015; 21(4):722-4.
http://wwwnc.cdc.gov/eid/article/21/4/14-1707_article
2. Attatippaholkun, W., Pankhong, P., Nisalak, A., Kalayanarooj, S. Evolutionary relationship of 5'-untranslated regions among Thai dengue-3 viruses, Bangkok isolates, during 24 year-evolution. *Asian Pac J Trop Med.* 2015; 8(3):176-84.
<http://www.sciencedirect.com/science/article/pii/S1995764514603114>
3. Bhoomiboonchoo, P., Nisalak, A., Chansatiporn, N., Yoon, I.K., Kalayanarooj, S., Thipayamongkolgul, M., Endy, T., Rothman, A.L., Green, S., Srikiatkachorn, A., Buddhari, D., Mammen, M.P., Gibbons, R.V. Sequential dengue virus infections detected in active and passive surveillance programs in Thailand, 1994-2010. *BMC Public Health.* 2015; 15:250.
<http://www.biomedcentral.com/1471-2458/15/250>
4. Buonora, J.E., Yarnell, A.M., Lazarus, R.C., Mousseau, M., Latour, L.L., Rizoli, S.B., Baker, A.J., Rhind, S.G., Diaz-Arrastia, R., Mueller, G.P. Multivariate analysis of traumatic brain injury: development of an assessment score. *Front Neurol.* 2015; 6:68.
<http://journal.frontiersin.org/article/10.3389/fneur.2015.00068/full>
5. Burns, J.W., Quartana, P.J., Bruehl, S., Janssen, I., Dugan, S.A., Appelhans, B., Matthews, K.A., Kravitz, H.M. Chronic pain, body mass index and cardiovascular disease risk factors: tests of moderation, unique and shared relationships in the Study of Women's Health Across the Nation (SWAN). *J Behav Med.* 2015; 38(2):372-83.
<http://link.springer.com/article/10.1007/s10865-014-9608-z/fulltext.html>
6. Carr, W., Yarnell, A.M., Ong, R., Walliko, T., Kamimori, G.H., da Silva, U., McCarron, R.M., LoPresti, M.L. Ubiquitin carboxy-terminal hydrolase-l1 as a serum neurotrauma biomarker for exposure to occupational low-level blast. *Front Neurol.* 2015; 6:49.
<http://journal.frontiersin.org/article/10.3389/fneur.2015.00049/full>
7. Chandra, R., Ansah, P., Sagara, I., Sie, A., Tiono, A.B., Djimde, A.A., Zhao, Q., Robbins, J., Penali, L.K., Ongutu, B. Comparison of azithromycin plus chloroquine versus artemether-lumefantrine for the treatment of uncomplicated Plasmodium falciparum malaria in children in Africa: a randomized, open-label study. *Malar J.* 2015; 14(1):108.
<http://www.malariajournal.com/content/14/1/108>
8. Choi, I., Chung, A.W., Suscovich, T.J., Rerks-Ngarm, S., Pitisuttithum, P., Nitayaphan, S., Kaewkungwal, J., O'Connell, R.J., Francis, D., Robb, M.L., Michael, N.L., Kim, J.H., Alter, G., Ackerman, M.E., Bailey-Kellogg, C. Machine learning methods enable predictive modeling of antibody feature:function relationships in RV144 vaccinees. *PLoS Comput Biol.* 2015; 11(4):e1004185.

<http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1004185>

9. D'Onofrio, M.J., Schlett, C.D., Millar, E.V., Cui, T., Lanier, J.B., Law, N.N., Tribble, D.R., Ellis, M.W. Reduction in acute gastroenteritis among military trainees: secondary effects of a hygiene-based cluster-randomized trial for skin and soft tissue infection prevention. *Infect Control Hosp Epidemiol.* 2015; 36(3):358-60.
<http://www.ncbi.nlm.nih.gov/pubmed/25695181>
10. Edlefsen, P.T., Rolland, M., Hertz, T., Tovanabutra, S., Gartland, A.J., deCamp, A.C., Magaret, C.A., Ahmed, H., Gottardo, R., Juraska, M., McCoy, C., Larsen, B.B., Sanders-Buell, E., Carrico, C., Menis, S., Bose, M., Arroyo, M.A., O'Connell, R.J., Nitayaphan, S., Pitissutthithum, P., Kaewkungwal, J., Rerks-Ngarm, S., Robb, M.L., Kirys, T., Georgiev, I.S., Kwong, P.D., Scheffler, K., Pond, S.L., Carlson, J.M., Michael, N.L., Schief, W.R., Mullins, J.I., Kim, J.H., Gilbert, P.B. Comprehensive sieve analysis of breakthrough HIV-1 sequences in the RV144 vaccine efficacy trial. *PLoS Comput Biol.* 2015; 11(2):e1003973.
<http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1003973>
11. Fernandez, S., Thomas, S.J., De La Barrera, R., Im-Erbsin, R., Jarman, R.G., Baras, B., Toussaint, J.F., Mossman, S., Innis, B.L., Schmidt, A., Malice, M.P., Festaerts, P., Warter, L., Putnak, J.R., Eckels, K.H. An adjuvanted, tetravalent dengue virus purified inactivated vaccine candidate induces long-lasting and protective antibody responses against dengue challenge in rhesus macaques. *Am J Trop Med Hyg.* 2015; 92(4):698-708.
<http://www.ajtmh.org/content/92/4/698.long>
12. Heaps, J.M., Sithinamsuwan, P., Paul, R., Lerdlum, S., Pothisri, M., Clifford, D., Tipsuk, S., Catella, S., Busovaca, E., Fletcher, J.L., Raudabaugh, B., Ratto-Kim, S., Valcour, V., Ananworanich, J. Association between brain volumes and HAND in cART-naive HIV+ individuals from Thailand. *J Neurovirol.* 2015; 21(2):105-12.
<http://link.springer.com/article/10.1007/s13365-014-0309-8/fulltext.html>
13. Joachim, A., Nilsson, C., Aboud, S., Bakari, M., Lyamuya, E.F., Robb, M.L., Marovich, M.A., Earl, P., Moss, B., Ochsenbauer, C., Wahren, B., Mhalu, F., Sandstrom, E., Biberfeld, G., Ferrari, G., Polonis, V.R. Potent functional antibody responses elicited by HIV-1 DNA priming and boosting with heterologous HIV-1 recombinant MVA in healthy Tanzanian adults. *PLoS One.* 2015; 10(4):e0118486.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118486>
14. Kibuuka, H., Berkowitz, N.M., Millard, M., Enama, M.E., Tindikahwa, A., Sekiziyivu, A.B., Costner, P., Sitar, S., Glover, D., Hu, Z., Joshi, G., Stanley, D., Kunchai, M., Eller, L.A., Bailer, R.T., Koup, R.A., Nabel, G.J., Mascola, J.R., Sullivan, N.J., Graham, B.S., Roederer, M., Michael, N.L., Robb, M.L., Ledgerwood, J.E. Safety and immunogenicity of Ebola virus and Marburg virus glycoprotein DNA vaccines assessed separately and concomitantly in healthy Ugandan adults: a phase 1b, randomised, double-blind, placebo-controlled clinical trial. *Lancet.* 2015; 385(9977):1545-54.
[http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(14\)62385-0/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(14)62385-0/fulltext)
15. Korotchenko, V., Sathunuru, R., Gerena, L., Caridha, D., Li, Q., Kreishman-Deitrick, M., Smith, P.L., Lin, A.J. Antimalarial activity of 4-amidinoquinoline and 10-amidinobenzonaphthyridine derivatives. *J Med Chem.* 2015; 58(8):3411-31.
<http://pubs.acs.org/doi/full/10.1021/jm501809x>

16. Leelawiwat, W., Rutvisuttinunt, W., Arroyo, M., Mueanpai, F., Kongpechsatit, O., Chonwattana, W., Chaikummao, S., de Souza, M., vanGriensven, F., McNicholl, J.M., Curlin, M.E. Increasing HIV-1 molecular complexity among men who have sex with men in Bangkok. *AIDS Res Hum Retroviruses*. 2015; 31(4):393-400.
<http://online.liebertpub.com/doi/full/10.1089/aid.2014.0139>
17. Munseri, P.J., Kroidl, A., Nilsson, C., Joachim, A., Geldmacher, C., Mann, P., Moshiro, C., Aboud, S., Lyamuya, E., Maboko, L., Missanga, M., Kaluwa, B., Mfinanga, S., Podola, L., Bauer, A., Godoy-Ramirez, K., Marovich, M., Moss, B., Hoelscher, M., Gotch, F., Stohr, W., Stout, R., McCormack, S., Wahren, B., Mhalu, F., Robb, M.L., Biberfeld, G., Sandstrom, E., Bakari, M. Priming with a simplified intradermal HIV-1 DNA vaccine regimen followed by boosting with recombinant HIV-1 MVA vaccine is safe and immunogenic: A Phase IIa randomized clinical trial. *PLoS One*. 2015; 10(4):e0119629.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0119629>
18. Onchiri, F.M., Pavlinac, P.B., Singa, B.O., Naulikha, J.M., Oundo, E.A., Farquhar, C., Richardson, B.A., John-Stewart, G., Walson, J.L. Frequency and correlates of malaria over-treatment in areas of differing malaria transmission: a cross-sectional study in rural Western Kenya. *Malar J*. 2015; 14(1):97.
<http://www.malariajournal.com/content/14/1/97>
19. Rhee, S.Y., Blanco, J.L., Jordan, M.R., Taylor, J., Lemey, P., Varghese, V., Hamers, R.L., Bertagnolio, S., de Wit, T.F., Aghokeng, A.F., Albert, J., Avi, R., Avila-Rios, S., Bessong, P.O., Brooks, J.I., Boucher, C.A., Brumme, Z.L., Busch, M.P., Bussmann, H., Chaix, M.L., Chin, B.S., D'Aquin, T.T., De Gascun, C.F., Derache, A., Descamps, D., Deshpande, A.K., Djoko, C.F., Eshleman, S.H., Fleury, H., Frange, P., Fujisaki, S., Harrigan, P.R., Hattori, J., Holguin, A., Hunt, G.M., Ichimura, H., Kaleebu, P., Katzenstein, D., Kiertiburakul, S., Kim, J.H., Kim, S.S., Li, Y., Lutsar, I., Morris, L., Ndembí, N., Ng, K.P., Paranjape, R.S., Peeters, M., Poljak, M., Price, M.A., Ragonnet-Cronin, M.L., Reyes-Teran, G., Rolland, M., Sirivichayakul, S., Smith, D.M., Soares, M.A., Soriano, V.V., Ssemwanga, D., Stanojevic, M., Stefani, M.A., Sugiura, W., Sungkanupraph, S., Tanuri, A., Tee, K.K., Truong, H.H., van de Vijver, D.A., Vidal, N., Yang, C., Yang, R., Yebra, G., Ioannidis, J.P., Vandamme, A.M., Shafer, R.W. Geographic and temporal trends in the molecular epidemiology and genetic mechanisms of transmitted HIV-1 drug resistance: an individual-patient- and sequence-level meta-analysis. *PLoS Med*. 2015; 12(4):e1001810.
<http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001810>
20. Sambanthamoorthy, K., Hickman, M., Pattabiraman, N., Palys, T., Wagar, E.J. Modulating Acinetobacter baumannii biofilm development with molecules containing 3,4,5-trimethoxy-N,N',N'-trimethylbenzohydrazide moiety. *Bioorg Med Chem Lett*. 2015; 25(10):2238-42.
<http://www.sciencedirect.com/science/article/pii/S0960894X15002012>
21. Sangket, U., Vijasika, S., Noh, H., Chanratita, W., Klungthong, C., Yoon, I.K., Fernandez, S., Rutvisuttinunt, W. SNPer: An R library for quantitative variant analysis on single nucleotide polymorphisms among influenza virus populations. *PLoS One*. 2015; 10(4):e0122812.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0122812>
22. Thiga, J.W., Mutai, B.K., Eyako, W.K., Ng'ang'a, Z., Jiang, J., Richards, A.L., Waitumbi, J.N. High seroprevalence of antibodies against spotted fever and scrub typhus bacteria

- in patients with febrile illness, Kenya. *Emerg Infect Dis.* 2015; 21(4):688-91. http://wwwnc.cdc.gov/eid/article/21/4/14-1387_article
23. Umthong, S., Buaklin, A., Jacquet, A., Sangjun, N., Kerdkaew, R., Patarakul, K., Palaga, T. Immunogenicity of a DNA and recombinant protein vaccine combining LipL32 and Loa22 for leptospirosis using chitosan as a delivery system. *J Microbiol Biotechnol.* 2015; 25(4):526-36. <http://www.jmb.or.kr/journal/download.php?Filedir=../submission/Journal/025/&num=6793>
 24. Weber, N.S., Larsen, R.A., Yolken, R.H., Cowan, D.N., Boivin, M.R., Niebuhr, D.W. Predictors of the onset of schizophrenia in US military personnel. *J Nerv Ment Dis.* 2015; 203(5):319-24. <http://www.ncbi.nlm.nih.gov/pubmed/25919381>
 25. Wolf, J.C., Baumgartner, W.A., Blazer, V.S., Camus, A.C., Engelhardt, J.A., Fournie, J.W., Frasca, S., Jr., Groman, D.B., Kent, M.L., Khoo, L.H., Law, J.M., Lombardini, E.D., Ruehl-Fehlert, C., Segner, H.E., Smith, S.A., Spitsbergen, J.M., Weber, K., Wolfe, M.J. Nonlesions, misdiagnoses, missed diagnoses, and other interpretive challenges in fish histopathology studies: a guide for investigators, authors, reviewers, and readers. *Toxicol Pathol.* 2015; 43(3):297-325. <http://tpx.sagepub.com/content/43/3/297.long>

MAY 2015

1. Ananworanich, J., McSteen, B., Robb, M.L. Broadly neutralizing antibody and the HIV reservoir in acute HIV infection: a strategy toward HIV remission? *Curr Opin HIV AIDS.* 2015; 10(3):198-206. <http://www.ncbi.nlm.nih.gov/pubmed/25700203>
2. De Souza, M.S., Phanuphak, N., Pinyakorn, S., Trichavaroj, R., Pattanachaiwit, S., Chomchey, N., Fletcher, J.L., Kroon, E.D., Michael, N.L., Phanuphak, P., Kim, J.H., Ananworanich, J. Impact of nucleic acid testing relative to antigen/antibody combination immunoassay on the detection of acute HIV infection. *Aids.* 2015; 29(7):793-800. <http://www.ncbi.nlm.nih.gov/pubmed/25985402>
3. Eller, M.A., Opollo, M.S., Liu, M., Redd, A.D., Eller, L.A., Kityo, C., Kayiwa, J., Laeyendecker, O., Wawer, M.J., Milazzo, M., Kiwanuka, N., Gray, R.H., Serwadda, D., Sewankambo, N.K., Quinn, T.C., Michael, N.L., Wabwire-Mangen, F., Sandberg, J.K., Robb, M.L. HIV Type 1 Disease Progression to AIDS and Death in a Rural Ugandan Cohort Is Primarily Dependent on Viral Load Despite Variable Subtype and T-Cell Immune Activation Levels. *J Infect Dis.* 2015; 211(10):1574-84. <http://jid.oxfordjournals.org/content/211/10/1574.long>
4. Gajavelli, S., Kentaro, S., Diaz, J., Yokobori, S., Spurlock, M., Diaz, D., Jackson, C., Wick, A., Zhao, W., Leung, L.Y., Shear, D., Tortella, F., Bullock, M.R. Glucose and oxygen metabolism after penetrating ballistic-like brain injury. *J Cereb Blood Flow Metab.* 2015; 35(5):773-80.

<http://www.nature.com/jcbfm/journal/v35/n5/full/jcbfm2014243a.html>

5. Gallagher, L.A., Ramage, E., Weiss, E.J., Radey, M., Hayden, H.S., Held, K.G., Huse, H.K., Zurawski, D.V., Brittnacher, M.J., Manoil, C. Resources for Genetic and Genomic Analysis of Emerging Pathogen *Acinetobacter baumannii*. *J Bacteriol.* 2015; 197(12):2027-35.
<http://jb.asm.org/content/197/12/2027.long>
6. Hakre, S., Mydlarz, D.G., Dawson, P., Danaher, P.J., Gould, P.L., Witkop, C.T., Michael, N.L., Peel, S.A., Scott, P.T., Okulicz, J.F. Epidemiology of HIV among US Air Force Military Personnel, 1996-2011. *PLoS One.* 2015; 10(5):e0126700.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0126700>
7. Kamimori, G.H., McLellan, T.M., Tate, C.M., Voss, D.M., Niro, P., Lieberman, H.R. Caffeine improves reaction time, vigilance and logical reasoning during extended periods with restricted opportunities for sleep. *Psychopharmacology (Berl).* 2015; 232(12):2031-42.
<http://link.springer.com/article/10.1007/s00213-014-3834-5/fulltext.html>
8. Krause, P.R., Bryant, P.R., Clark, T., Dempsey, W., Henchal, E., Michael, N.L., Regules, J.A., Gruber, M.F. Immunology of protection from Ebola virus infection. *Sci Transl Med.* 2015; 7(286):286ps11.
<http://stm.sciencemag.org/content/7/286/286ps11.full>
9. Kwon, P., Lundin, J., Li, W., Ray, R., Littell, C., Gao, D., Thomas, D.B., Checkoway, H. Night shift work and lung cancer risk among female textile workers in Shanghai, China. *J Occup Environ Hyg.* 2015; 12(5):334-41.
<http://www.ncbi.nlm.nih.gov/pubmed/25616851>
10. Lesho, E.P. Editorial commentary: fighting ebola and advancing knowledge on the front lines in a capital city. *Clin Infect Dis.* 2015; 60(12):1825-7.
<http://cid.oxfordjournals.org/content/60/12/1825.long>
11. Li, Y., Yolken, R., Cowan, D.N., Boivin, M.R., Liu, T., Niebuhr, D.W. Biomarker identification and effect estimation on schizophrenia - a high dimensional data analysis. *Front Public Health.* 2015; 3:75.
<http://journal.frontiersin.org/article/10.3389/fpubh.2015.00075/full>
12. Liu, G., Song, L., Beasley, D.W., Putnak, R., Parent, J., Misczak, J., Li, H., Reiserova, L., Liu, X., Tian, H., Liu, W., Labonte, D., Duan, L., Kim, Y., Trivalent, L., Wigington, D., Weaver, B., Tussey, L. Immunogenicity and efficacy of flagellin-envelope fusion dengue vaccines in mice and monkeys. *Clin Vaccine Immunol.* 2015; 22(5):516-25.
<http://cvi.asm.org/content/22/5/516.long>
13. Manocheewa, S., Lanxon-Cookson, E.C., Liu, Y., Swain, J.V., McClure, J., Rao, U., Maust, B., Deng, W., Sunshine, J.E., Kim, M., Rolland, M., Mullins, J.I. Pairwise growth competition assay for determining the replication fitness of human immunodeficiency viruses. *J Virol Exp.* 2015(99).
<http://www.jove.com/video/52610/pairwise-growth-competition-assay-for-determining-replication-fitness>
14. McGann, P., Snesrud, E., Ong, A.C., Appalla, L., Koren, M., Kwak, Y.I., Waterman, P.E., Lesho, E.P. War Wound Treatment Complications Due to Transfer of an IncN Plasmid

Harboring blaOXA-181 from *Morganella morganii* to CTX-M-27-Producing Sequence Type 131 *Escherichia coli*. *Antimicrob Agents Chemother*. 2015; 59(6):3556-62.
<http://aac.asm.org/content/59/6/3556.long>

15. Meya, D.B., Okurut, S., Zziwa, G., Rolfs, M.A., Kelsey, M., Cose, S., Joloba, M., Naluyima, P., Palmer, B.E., Kambugu, A., Mayanja-Kizza, H., Bohjanen, P.R., Eller, M.A., Wahl, S.M., Boulware, D.R., Manabe, Y.C., Janoff, E.N. Cellular immune activation in cerebrospinal fluid from ugandans with cryptococcal meningitis and immune reconstitution inflammatory syndrome. *J Infect Dis*. 2015; 211(10):1597-606.
<http://jid.oxfordjournals.org/content/211/10/1597.long>
16. Opsenica, I.M., Verbic, T.Z., Tot, M., Sciotti, R.J., Pybus, B.S., Djurkovic-Djakovic, O., Slavic, K., Solaja, B.A. Investigation into novel thiophene- and furan-based 4-amino-7-chloroquinolines afforded antimalarials that cure mice. *Bioorg Med Chem*. 2015; 23(9):2176-86.
<http://www.sciencedirect.com/science/article/pii/S0968089615001674>
17. Peck, G.W., Helgeson, S.M., Powell, E.D., Roth, A.L., Flores, M., Kirkup, B.C., Jr. Airworthiness testing of medical maggots. *Mil Med*. 2015; 180(5):591-6.
<http://publications.amsus.org/doi/full/10.7205/MILMED-D-14-00548>
18. Phanuphak, N., Teeratakulpisarn, N., van Griensven, F., Chomchey, N., Pinyakorn, S., Fletcher, J.L., Trichavaroj, R., Pattanachaiwit, S., Michael, N., Phanuphak, P., Kim, J.H., Ananworanich, J. Anogenital HIV RNA in Thai men who have sex with men in Bangkok during acute HIV infection and after randomization to standard vs. intensified antiretroviral regimens. *J Int AIDS Soc*. 2015; 18(1):19470.
<http://www.jiasociety.org/index.php/jias/article/view/19470/html>
19. Pitisuttithum, P., Rerks-Ngarm, S., Stablein, D., Dawson, P., Nitayaphan, S., Kaewkungwal, J., Michael, N.L., Kim, J.H., Robb, M.L., O'Connell, R.J., Yoon, I.K., Fernandez, S., Exler, J.L. Accuracy of Clinical Diagnosis of Dengue Episodes in the RV144 HIV Vaccine Efficacy Trial in Thailand. *PLoS One*. 2015; 10(5):e0127998.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0127998>
20. Ramakrishnan, S., Lu, W., Laxminarayan, S., Wesensten, N.J., Rupp, T.L., Balkin, T.J., Reifman, J. Can a mathematical model predict an individual's trait-like response to both total and partial sleep loss? *J Sleep Res*. 2015; 24(3):262-9.
<http://www.ncbi.nlm.nih.gov/pubmed/25559055>
21. Ramsauer, K., Schwameis, M., Firbas, C., Mullner, M., Putnak, R.J., Thomas, S.J., Despres, P., Tauber, E., Jilma, B., Tangy, F. Immunogenicity, safety, and tolerability of a recombinant measles-virus-based chikungunya vaccine: a randomised, double-blind, placebo-controlled, active-comparator, first-in-man trial. *Lancet Infect Dis*. 2015; 15(5):519-27.
<http://www.sciencedirect.com/science/article/pii/S1473309915700435>
22. Rodkvamtook, W., Zhang, Z., Chao, C.C., Huber, E., Bodhidatta, D., Gaywee, J., Grieco, J., Sirisopana, N., Kityapan, M., Lewis, M., Ching, W.M. Dot-ELISA Rapid Test Using Recombinant 56-kDa Protein Antigens for Serodiagnosis of Scrub Typhus. *Am J Trop Med Hyg*. 2015; 92(5):967-71.
<http://www.ajtmh.org/content/92/5/967.long>
23. Sanodze, L., Bautista, C.T., Garuchava, N., Chubinidze, S., Tsartsadze, E., Broladze, M.,

Chitadze, N., Sidamonidze, K., Tsanava, S., Akhvlediani, T., Rivard, R.G., Mody, R., Hepburn, M.J., Elzer, P.H., Nikolich, M.P., Trapaidze, N. Expansion of brucellosis detection in the country of Georgia by screening household members of cases and neighboring community members. *BMC Public Health*. 2015; 15(1):459.

<http://www.biomedcentral.com/1471-2458/15/459>

24. Spring, M.D., Lin, J.T., Manning, J.E., Vanachayangkul, P., Somethy, S., Bun, R., Se, Y., Chann, S., Ittiverakul, M., Sia-Ngam, P., Kuntawunginn, W., Arsanok, M., Buathong, N., Chaorattanakawee, S., Gosi, P., Ta-Aksorn, W., Chanarat, N., Sundrakes, S., Kong, N., Heng, T.K., Nou, S., Teja-Isavadharm, P., Pichyangkul, S., Phann, S.T., Balasubramanian, S., Juliano, J.J., Meshnick, S.R., Chour, C.M., Prom, S., Lanteri, C.A., Lon, C., Saunders, D.L. Dihydroartemisinin-piperaquine failure associated with a triple mutant including kelch13 C580Y in Cambodia: an observational cohort study. *Lancet Infect Dis*. 2015; 15(6):683-91.
<http://www.sciencedirect.com/science/article/pii/S1473309915700496>
25. Yen, N.T., Liu, W., Hanh, H.D., Chang, N.Y., Duong, T.N., Gibbons, R.V., Marks, F., Thu, N.A., Hong, N.M., Park, J.K., Tuan, P.A., Nisalak, A., Clemens, J.D., Xu, Z.Y. A model immunization programme to control Japanese encephalitis in viet nam. *J Health Popul Nutr*. 2015; 33(1):207-13.
<http://www.ncbi.nlm.nih.gov/pubmed/25995736>
26. Yoon, I.K., Alera, M.T., Lago, C.B., Tac-An, I.A., Villa, D., Fernandez, S., Thaisomboonsuk, B., Klungthong, C., Levy, J.W., Velasco, J.M., Roque, V.G., Jr., Salje, H., Macareo, L.R., Hermann, L.L., Nisalak, A., Sriiatkhachorn, A. High rate of subclinical chikungunya virus infection and association of neutralizing antibody with protection in a prospective cohort in the Philippines. *PLoS Negl Trop Dis*. 2015; 9(5):e0003764.
<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003764>

JUNE 2015

1. Allam, A., Majji, S., Peachman, K., Jagodzinski, L., Kim, J., Ratto-Kim, S., Wijayalath, W., Merbah, M., Kim, J.H., Michael, N.L., Alving, C.R., Casares, S., Rao, M. TFH cells accumulate in mucosal tissues of humanized-DRAG mice and are highly permissive to HIV-1. *Sci Rep*. 2015; 5:10443.
<http://www.nature.com/srep/2015/150602/srep10443/full/srep10443.html>
2. Cacioppo, J.T., Adler, A.B., Lester, P.B., McGurk, D., Thomas, J.L., Chen, H.Y., Cacioppo, S. Building social resilience in soldiers: A double dissociative randomized controlled study. *J Pers Soc Psychol*. 2015; 109(1):90-105.
<http://www.ncbi.nlm.nih.gov/pubmed/26098588>
3. Chaccour, C.J., Rabinovich, N.R., Slater, H., Canavati, S.E., Bousema, T., Lacerda, M., Ter Kuile, F., Drakeley, C., Bassat, Q., Foy, B.D., Kobylinski, K. Establishment of the Ivermectin Research for Malaria Elimination Network: updating the research agenda. *Malar J*. 2015; 14(1):243.
<http://www.malariajournal.com/content/14/1/243>

4. Charurat, M.E., Emmanuel, B., Akolo, C., Keshinro, B., Nowak, R.G., Kennedy, S., Orazulike, I., Ake, J., Njoku, O., Baral, S., Blattner, W. Uptake of treatment as prevention for HIV and continuum of care among HIV-positive men who have sex with men in Nigeria. *J Acquir Immune Defic Syndr.* 2015; 68 Suppl 2:S114-23.
<http://www.ncbi.nlm.nih.gov/pubmed/25723975>
5. Frevert, U., Krzych, U. Plasmodium cellular effector mechanisms and the hepatic microenvironment. *Front Microbiol.* 2015; 6:482.
<http://journal.frontiersin.org/article/10.3389/fmicb.2015.00482/full>
6. Govella, N.J., Ogoma, S.B., Paliga, J., Chaki, P.P., Killeen, G. Impregnating hessian strips with the volatile pyrethroid transfluthrin prevents outdoor exposure to vectors of malaria and lymphatic filariasis in urban Dar es Salaam, Tanzania. *Parasit Vectors.* 2015; 8:322.
<http://www.parasitesandvectors.com/content/8/1/322>
7. Harrison, G.F., Scheirer, J.L., Melanson, V.R. Development and validation of an arthropod maceration protocol for zoonotic pathogen detection in mosquitoes and fleas. *J Vector Ecol.* 2015; 40(1):83-9.
<http://www.ncbi.nlm.nih.gov/pubmed/26047188>
8. Jalah, R., Torres, O.B., Mayorov, A.V., Li, F., Antoline, J.F., Jacobson, A.E., Rice, K.C., Deschamps, J.R., Beck, Z., Alving, C.R., Matyas, G.R. Efficacy, but not antibody titer or affinity, of a heroin hapten conjugate vaccine correlates with increasing hapten densities on tetanus toxoid, but not on CRM197 carriers. *Bioconjug Chem.* 2015; 26(6):1041-53.
<http://www.ncbi.nlm.nih.gov/pubmed/25970207>
9. Jones, B.H., Hauschild, V.D., Dada, E.O., Grier, T.L., Cowan, D.N. Regarding the Bulzacchelli et al. article on injury during U.S. Army basic combat training. *Am J Prev Med.* 2015; 49(1):e1-3.
<http://www.sciencedirect.com/science/article/pii/S0749379715001270>
10. Jones, C.L., Clancy, M., Honnold, C., Singh, S., Snesrud, E., Onmus-Leone, F., McGann, P., Ong, A.C., Kwak, Y., Waterman, P., Zurawski, D.V., Clifford, R.J., Lesho, E. Fatal outbreak of an emerging clone of extensively drug-resistant *Acinetobacter baumannii* with enhanced virulence. *Clin Infect Dis.* 2015; 61(2):145-54.
<http://cid.oxfordjournals.org/content/61/2/145.long>
11. Lin, L., Finak, G., Ushey, K., Seshadri, C., Hawn, T.R., Frahm, N., Scriba, T.J., Mahomed, H., Hanekom, W., Bart, P.A., Pantaleo, G., Tomaras, G.D., Rerks-Ngarm, S., Kaewkungwal, J., Nitayaphan, S., Pitisuttithum, P., Michael, N.L., Kim, J.H., Robb, M.L., O'Connell, R.J., Karasavvas, N., Gilbert, P., S, C.D.R., McElrath, M.J., Gottardo, R. COMPASS identifies T-cell subsets correlated with clinical outcomes. *Nat Biotechnol.* 2015; 33(6):610-6.
<http://www.nature.com/nbt/journal/v33/n6/full/nbt.3187.html#affil-auth>
12. Oliveira, F., Rowton, E., Aslan, H., Gomes, R., Castrovinci, P.A., Alvarenga, P.H., Abdeladhim, M., Teixeira, C., Meneses, C., Kleeman, L.T., Guimaraes-Costa, A.B., Rowland, T.E., Gilmore, D., Doumbia, S., Reed, S.G., Lawyer, P.G., Andersen, J.F., Kamhawi, S., Valenzuela, J.G. A sand fly salivary protein vaccine shows efficacy against vector-transmitted cutaneous leishmaniasis in nonhuman primates. *Sci Transl Med.* 2015; 7(290):290ra90.

<http://www.ncbi.nlm.nih.gov/pubmed/26041707>

13. Quartana, P.J., Finan, P.H., Page, G.G., Smith, M.T. Effects of insomnia disorder and knee osteoarthritis on resting and pain-evoked inflammatory markers. *Brain Behav Immun.* 2015; 47:228-37.
<http://www.sciencedirect.com/science/article/pii/S088915911400573X>
14. Rolland, M., Modjarrad, K. Multiple co-circulating HIV-1 subtypes in the Middle East and North Africa. *Aids.* 2015; 29(11):1417-9.
<http://www.ncbi.nlm.nih.gov/pubmed/26091303>
15. Rutvisuttinunt, W., Chinnawirotisan, P., Thaisomboonsuk, B., Rodpradit, P., Ajariyakhajorn, C., Manasatiengkij, W., Simasathien, S., Shrestha, S.K., Yoon, I.K., Klungthong, C., Fernandez, S. Viral subpopulation diversity in influenza virus isolates compared to clinical specimens. *J Clin Virol.* 2015; 68:16-23.
[http://www.journalofclinicalvirology.com/article/S1386-6532\(15\)00122-5/fulltext](http://www.journalofclinicalvirology.com/article/S1386-6532(15)00122-5/fulltext)
16. Vasan, S., Rerks-Ngarm, S., Gilbert, P., Haynes, B., Nitayapan, S., Pitisuttiham, P., Kaewkungwal, J., Excler, J.L., Robb, M., Michael, N., Kim, J., O'Connell, R. Letter to the Editor on: The RV144 vaccine regimen was not associated with enhancement of infection. *Hum Vaccin Immunother.* 2015; 11(4):1036-7.
<http://www.ncbi.nlm.nih.gov/pubmed/25746053>
17. Venkatesan, M.M., Van de Verg, L.L. Combination vaccines against diarrheal diseases. *Hum Vaccin Immunother.* 2015; 11(6):1434-48.
<http://www.tandfonline.com/doi/full/10.4161/21645515.2014.986984#.VZJj5mYpAS>
18. Vuong, C., Xie, L.H., Potter, B.M., Zhang, J., Zhang, P., Duan, D., Nolan, C.K., Sciotti, R.J., Zottig, V.E., Nanayakkara, N.P., Tekwani, B.L., Walker, L.A., Smith, P.L., Paris, R.M., Read, L.T., Li, Q., Pybus, B.S., Sousa, J.C., Reichard, G.A., Smith, B., Marcisin, S.R. Differential cytochrome P450 2D metabolism alters tafenoquine pharmacokinetics. *Antimicrob Agents Chemother.* 2015; 59(7):3864-9.
<http://aac.asm.org/content/59/7/3864.long>
19. White, L.J., Flegg, J.A., Phyo, A.P., Wiladpai-ngern, J.H., Bethell, D., Plowe, C., Anderson, T., Nkhoma, S., Nair, S., Tripura, R., Stepniewska, K., Pan-Ngum, W., Silamut, K., Cooper, B.S., Lubell, Y., Ashley, E.A., Nguon, C., Nosten, F., White, N.J., Dondorp, A.M. Defining the in vivo phenotype of artemisinin-resistant falciparum malaria: a modelling approach. *PLoS Med.* 2015; 12(4):e1001823.
<http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001823>
20. Worldwide_Antimalarial_Resistance_Network_(WWARN)_AL_Dose_Impact_Study_Group. The effect of dose on the antimalarial efficacy of artemether-lumefantrine: a systematic review and pooled analysis of individual patient data. *Lancet Infect Dis.* 2015; 15(6):692-702.
<http://www.sciencedirect.com/science/article/pii/S1473309915700241>

July 2015

1. Buchta, J.N., Zarndt, B.S., Garver, L.S., Rowland, T., Shi, M., Davidson, S.A., Rowton, E.D. Blood-feeding behaviors of *Anopheles stephensi* but not *Phlebotomus papatasi* are influenced by actively warming guinea pigs (*Cavia porcellus*) under general anesthesia (1). *J Am Mosq Control Assoc.* 2015; 31(2):149-54.
<http://www.ncbi.nlm.nih.gov/pubmed/26181690>
2. Chan, A.P., Sutton, G., DePew, J., Krishnakumar, R., Choi, Y., Huang, X.Z., Beck, E., Harkins, D.M., Kim, M., Lesho, E.P., Nikolich, M.P., Fouts, D.E. A novel method of consensus pan-chromosome assembly and large-scale comparative analysis reveal the highly flexible pan-genome of *Acinetobacter baumannii*. *Genome Biol.* 2015; 16:143.
<http://www.genomebiology.com/content/16/1/143>
3. Chan, M.K., Krebs, M.O., Cox, D., Guest, P.C., Yolken, R.H., Rahmoune, H., Rothermundt, M., Steiner, J., Leweke, F.M., van Beveren, N.J., Niebuhr, D.W., Weber, N.S., Cowan, D.N., Suarez-Pinilla, P., Crespo-Facorro, B., Mam-Lam-Fook, C., Bourgin, J., Wenstrup, R.J., Kaldate, R.R., Cooper, J.D., Bahn, S. Development of a blood-based molecular biomarker test for identification of schizophrenia before disease onset. *Transl Psychiatry.* 2015; 5:e601.
<http://www.ncbi.nlm.nih.gov/pubmed/26171982>
4. Devine, W., Woodring, J.L., Swaminathan, U., Amata, E., Patel, G., Erath, J., Roncal, N.E., Lee, P.J., Leed, S.E., Rodriguez, A., Mensa-Wilmot, K., Sciotti, R.J., Pollastri, M.P. Protozoan parasite growth inhibitors discovered by cross-screening yield potent scaffolds for lead discovery. *J Med Chem.* 2015; 58(14):5522-37.
<http://pubs.acs.org/doi/full/10.1021/acs.jmedchem.5b00515>
5. Fenton, E., Chillag, K., Michael, N.L. Ethics preparedness for public health emergencies: recommendations from the Presidential Bioethics Commission. *Am J Bioeth.* 2015; 15(7):77-9.
<http://www.ncbi.nlm.nih.gov/pubmed/26147281>
6. Finocchiaro-Kessler, S., Goggin, K., Khamadi, S., Gautney, B., Dariotis, J.K., Bawcom, C., Cheng, A.L., Nazir, N., Martin, C., Ruff, A., Sweat, M., Okoth, V. Improving early infant HIV diagnosis in Kenya: study protocol of a cluster-randomized efficacy trial of the HITSystem. *Implement Sci.* 2015; 10(1):96.
<http://www.implementationscience.com/content/10/1/96>
7. Hoge, C.W., Jonas, W.B. Hyperbaric oxygen treatment for persistent postconcussion symptoms-Reply. *JAMA Intern Med.* 2015; 175(7):1241.
<http://www.ncbi.nlm.nih.gov/pubmed/26146915>
8. Kirawittaya, T., Yoon, I.K., Wichit, S., Green, S., Ennis, F.A., Gibbons, R.V., Thomas, S.J., Rothman, A.L., Kalayanarooj, S., Srikiatkachorn, A. Evaluation of cardiac involvement in children with dengue by serial echocardiographic studies. *PLoS Negl Trop Dis.* 2015; 9(7):e0003943.
<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003943>
9. Kirunda, H., Mugimba, K.K., Erima, B., Mimbe, D., Byarugaba, D.K., Wabwire-Mangen, F. Predictors for risk factors for spread of avian influenza viruses by poultry handlers in live bird markets in Uganda. *Zoonoses Public Health.* 2015; 62(5):334-43.
<http://www.ncbi.nlm.nih.gov/pubmed/25154979>
10. Ockenhouse, C.F., Regules, J., Tosh, D., Cowden, J., Kathcart, A., Cummings, J., Paolino,

- K., Moon, J., Komisar, J., Kamau, E., Oliver, T., Chhoeu, A., Murphy, J., Lyke, K., Laurens, M., Birkett, A., Lee, C., Weltzin, R., Wille-Reece, U., Sedegah, M., Hendriks, J., Verstege, I., Pau, M.G., Sadoff, J., Vanloubbeeck, Y., Lievens, M., Heerwagh, D., Moris, P., Guerra Mendoza, Y., Jongert, E., Cohen, J., Voss, G., Ballou, W.R., Vekemans, J. Ad35.CS.01 - RTS,S/AS01 heterologous prime boost vaccine efficacy against sporozoite challenge in healthy malaria-naive adults. *PLoS One*. 2015; 10(7):e0131571.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0131571>
11. Peatey, C.L., Chavchich, M., Chen, N., Gresty, K.J., Gray, K.A., Gatton, M.L., Waters, N.C., Cheng, Q. Mitochondrial membrane potential in a small subset of artemisinin-induced dormant *Plasmodium falciparum* parasites in vitro. *J Infect Dis*. 2015; 212(3):426-34.
<http://jid.oxfordjournals.org/content/212/3/426.long>
12. Prentice, H.A., Tomaras, G.D., Geraghty, D.E., Apps, R., Fong, Y., Ehrenberg, P.K., Rolland, M., Kijak, G.H., Krebs, S.J., Nelson, W., DeCamp, A., Shen, X., Yates, N.L., Zolla-Pazner, S., Nitayaphan, S., Rerks-Ngarm, S., Kaewkungwal, J., Pitisuttithum, P., Ferrari, G., McElrath, M.J., Montefiori, D.C., Bailer, R.T., Koup, R.A., O'Connell, R.J., Robb, M.L., Michael, N.L., Gilbert, P.B., Kim, J.H., Thomas, R. HLA class II genes modulate vaccine-induced antibody responses to affect HIV-1 acquisition. *Sci Transl Med*. 2015; 7(296):296ra112.
<http://www.ncbi.nlm.nih.gov/pubmed/26180102>
13. RTSS_Clinical_Trials_Partnership. Efficacy and safety of RTS,S/AS01 malaria vaccine with or without a booster dose in infants and children in Africa: final results of a phase 3, individually randomised, controlled trial. *Lancet*. 2015; 386(9988):31-45.
<http://www.sciencedirect.com/science/article/pii/S0140673615607218>
14. Saxena, A., Hastings, N.B., Sun, W., Dabisch, P.A., Hulet, S.W., Jakubowski, E.M., Mioduszewski, R.J., Doctor, B.P. Prophylaxis with human serum butyrylcholinesterase protects Gottingen minipigs exposed to a lethal high-dose of sarin vapor. *Chem Biol Interact*. 2015; 238:161-9.
<http://www.ncbi.nlm.nih.gov/pubmed/26145887>
15. Techangamsuwan, S., Banlunara, W., Radtanakatikanon, A., Sommanustweechai, A., Siriaronrat, B., Lombardini, E.D., Rungsipipat, A. Pathologic and molecular virologic characterization of a canine distemper outbreak in farmed civets. *Vet Pathol*. 2015; 52(4):724-31.
<http://vet.sagepub.com/content/52/4/724.long>
16. Thomas, S.J., Aldstadt, J., Jarman, R.G., Buddhari, D., Yoon, I.K., Richardson, J.H., Ponlawat, A., Iamsirithaworn, S., Scott, T.W., Rothman, A.L., Gibbons, R.V., Lambrechts, L., Endy, T.P. Improving dengue virus capture rates in humans and vectors in Kamphaeng Phet Province, Thailand, using an enhanced spatiotemporal surveillance strategy. *Am J Trop Med Hyg*. 2015; 93(1):24-32.
<http://www.ajtmh.org/content/93/1/24.long>
17. Villarreal-Trevino, C., Vasquez, G.M., Lopez-Sifuentes, V.M., Escobedo-Vargas, K., Huayanay-Repetto, A., Linton, Y.M., Flores-Mendoza, C., Lescano, A.G., Stell, F.M. Establishment of a free-mating, long-standing and highly productive laboratory colony of *Anopheles darlingi* from the Peruvian Amazon. *Malar J*. 2015; 14(1):227.
<http://www.malariajournal.com/content/14/1/227>

18. Wang, L., Shi, W., Joyce, M.G., Modjarrad, K., Zhang, Y., Leung, K., Lees, C.R., Zhou, T., Yassine, H.M., Kanekiyo, M., Yang, Z.Y., Chen, X., Becker, M.M., Freeman, M., Vogel, L., Johnson, J.C., Olinger, G., Todd, J.P., Bagci, U., Solomon, J., Mollura, D.J., Hensley, L., Jahrling, P., Denison, M.R., Rao, S.S., Subbarao, K., Kwong, P.D., Mascola, J.R., Kong, W.P., Graham, B.S. Evaluation of candidate vaccine approaches for MERS-CoV. *Nat Commun.* 2015; 6:7712.
<http://www.ncbi.nlm.nih.gov/pubmed/26218507>
19. Wilkerson, R.C., Linton, Y.M., Fonseca, D.M., Schultz, T.R., Price, D.C., Strickman, D.A. Making mosquito taxonomy useful: a stable classification of tribe Aedini that balances utility with current knowledge of evolutionary relationships. *PLoS One.* 2015; 10(7):e0133602.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0133602>
20. Yoo, S.W., Motari, M.G., Susuki, K., Prendergast, J., Mountney, A., Hurtado, A., Schnaar, R.L. Sialylation regulates brain structure and function. *Faseb J.* 2015; 29(7):3040-53.
<http://www.ncbi.nlm.nih.gov/pubmed/25846372>